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OIPE

#4

RAW SEQUENCE LISTING DATE: 07/05/2000
PATENT APPLICATION: US/09/598,982 TIME: 18:43:07

Input Set : A:\Tryptase.app
Output Set: N:\CRF3\07052000\I598982.raw

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3 <110> APPLICANT: NILES, ANDREW L
4 MAFFITT, MARK A
5 HAAK-FRENDSCHO, MARY
7 <120> TITLE OF INVENTION: RECOMBINANT PROTEOLYTIC TYPTASES, ACTIVE SITE MUTANTS
8 THEREOF, AND METHODS OF MAKING SAME
10 <130> FILE REFERENCE: CIP TRYPTASE
12 <140> CURRENT APPLICATION NUMBER: US/09/598,982
13 <141> CURRENT FILING DATE: 2000-06-21
15 <150> PRIOR APPLICATION NUMBER: 09/079,970
16 <151> PRIOR FILING DATE: 1998-04-15
18 <160> NUMBER OF SEQ ID NOS: 51
20 <170> SOFTWARE: PatentIn Ver. 2.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 735
24 <212> TYPE: DNA
25 <213> ORGANISM: Homo sapiens
27 <220> FEATURE:
28 <221> NAME/KEY: CDS
29 <222> LOCATION: (1)..(735)
31 <400> SEQUENCE: 1
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33 Ile Val Gly Gly Gln Glu Ala Pro Arg Ser Lys Trp Pro Trp Gln Val
34 1 5 10 15
36 agc ctg aga gtc cac ggc cca tac tgg atg cac ttc tgc ggg ggc tcc 96
37 Ser Leu Arg Val His Gly Pro Tyr Trp Met His Phe Cys Gly Gly Ser
38 20 25 30
40 ctc atc cac ccc cag tgg gtg ctg acc gca gcg cac tgc gtg gga ccg 144
41 Leu Ile His Pro Gln Trp Val Leu Thr Ala Ala His Cys Val Gly Pro
42 35 40 45
44 gac gtc aag gat ctg gcc gcc ctc agg gtg caa ctg cgg gag cag cac 192
45 Asp Val Lys Asp Leu Ala Ala Leu Arg Val Gln Leu Arg Glu Gln His
46 50 55 60
48 ctc tac tac cag gac cag ctg ctg ccg gtc agc agg atc atc gtg cac 240
49 Leu Tyr Tyr Gln Asp Gln Leu Leu Pro Val Ser Arg Ile Ile Val His
50 65 70 75 80
52 cca cag ttc tac acc gcc cag atc gga gcg gac atc gcc ctg ctg gag 288
53 Pro Gln Phe Tyr Thr Ala Gln Ile Gly Ala Asp Ile Ala Leu Leu Glu
54 85 90 95
56 ctg gag gag ccg gtg aac gtc tcc agc cac gtc cac acg gtc acc ctg 336
57 Leu Glu Glu Pro Val Asn Val Ser Ser His Val His Thr Val Thr Leu
58 100 105 110
60 ccc cct gcc tca gag acc ttc ccc ccg ggg atg ccg tgc tgg gtc act 384
61 Pro Pro Ala Ser Glu Thr Phe Pro Pro Gly Met Pro Cys Trp Val Thr
62 115 120 125
64 ggc tgg ggc gat gtg gac aat gat gag cgc ctc cca ccg cca ttt cct 432
65 Gly Trp Gly Asp Val Asp Asn Asp Glu Arg Leu Pro Pro Pro Phe Pro
66 130 135 140









